OIPE IAP69
MAR 20 2006
PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

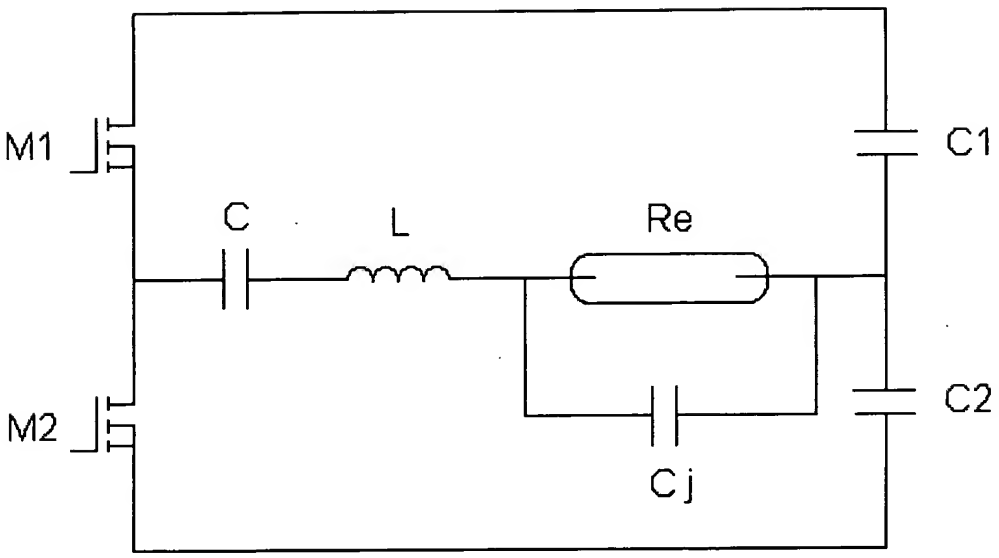

FIGURE 1

REPLACEMENT SHEET

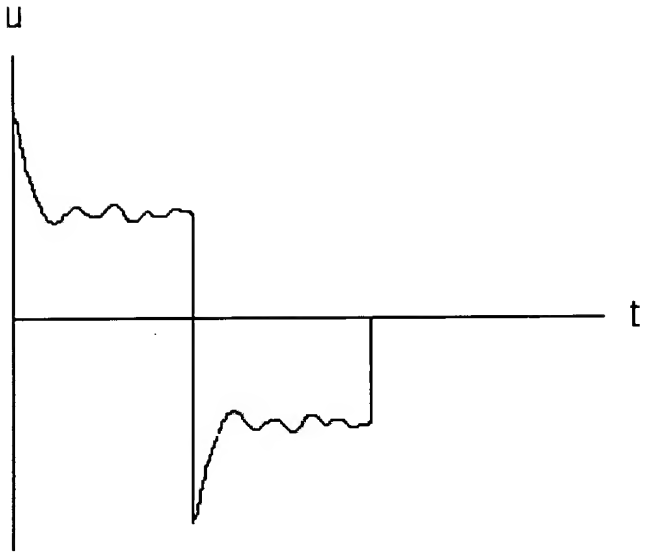

FIGURE 2

REPLACEMENT SHEET

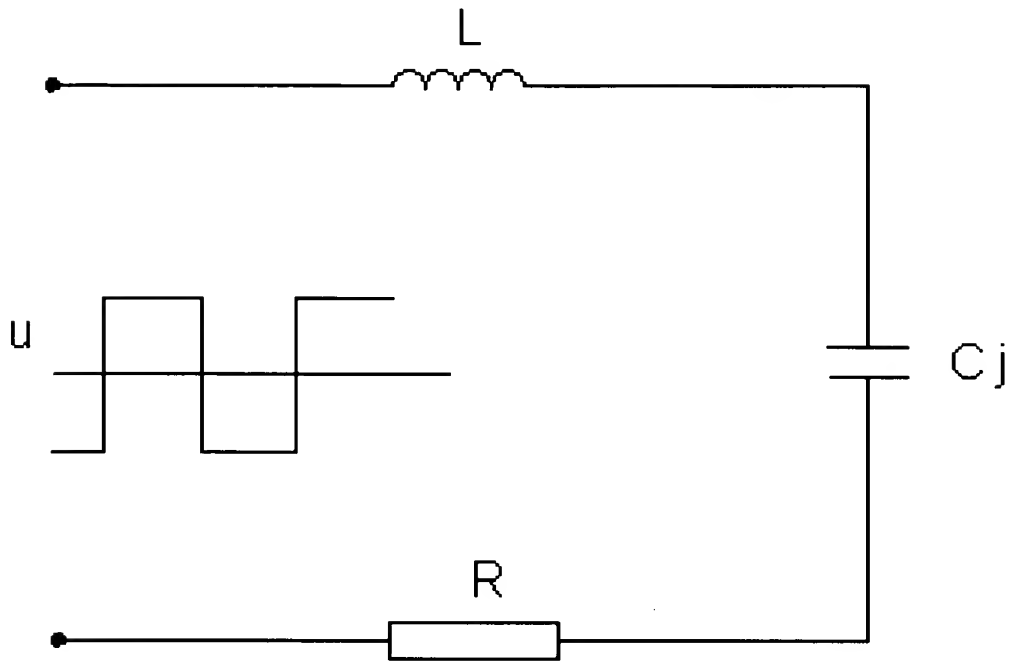

FIGURE 3

REPLACEMENT SHEET

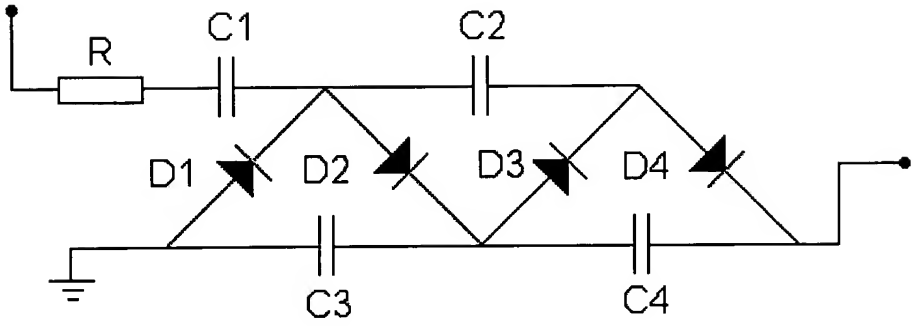

FIGURE 4

REPLACEMENT SHEET

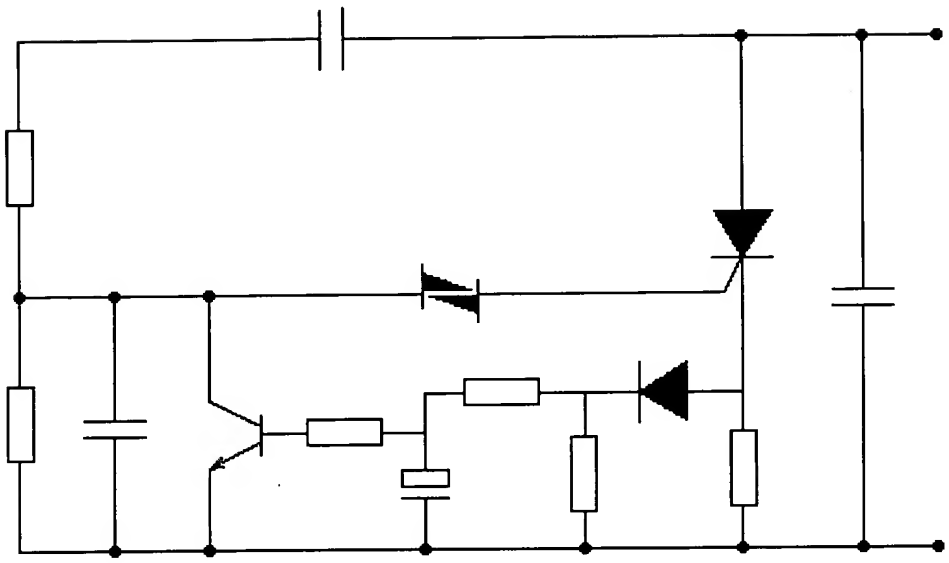

FIGURE 5

REPLACEMENT SHEET

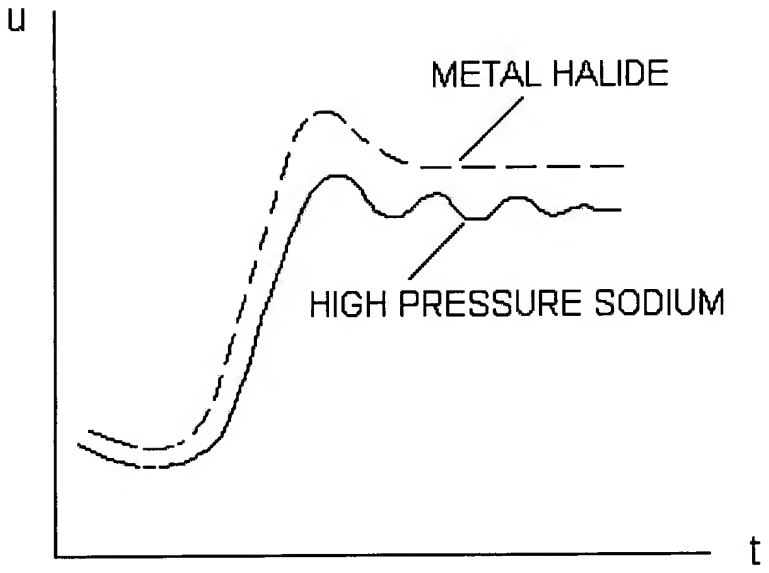

FIGURE 6

REPLACEMENT SHEET

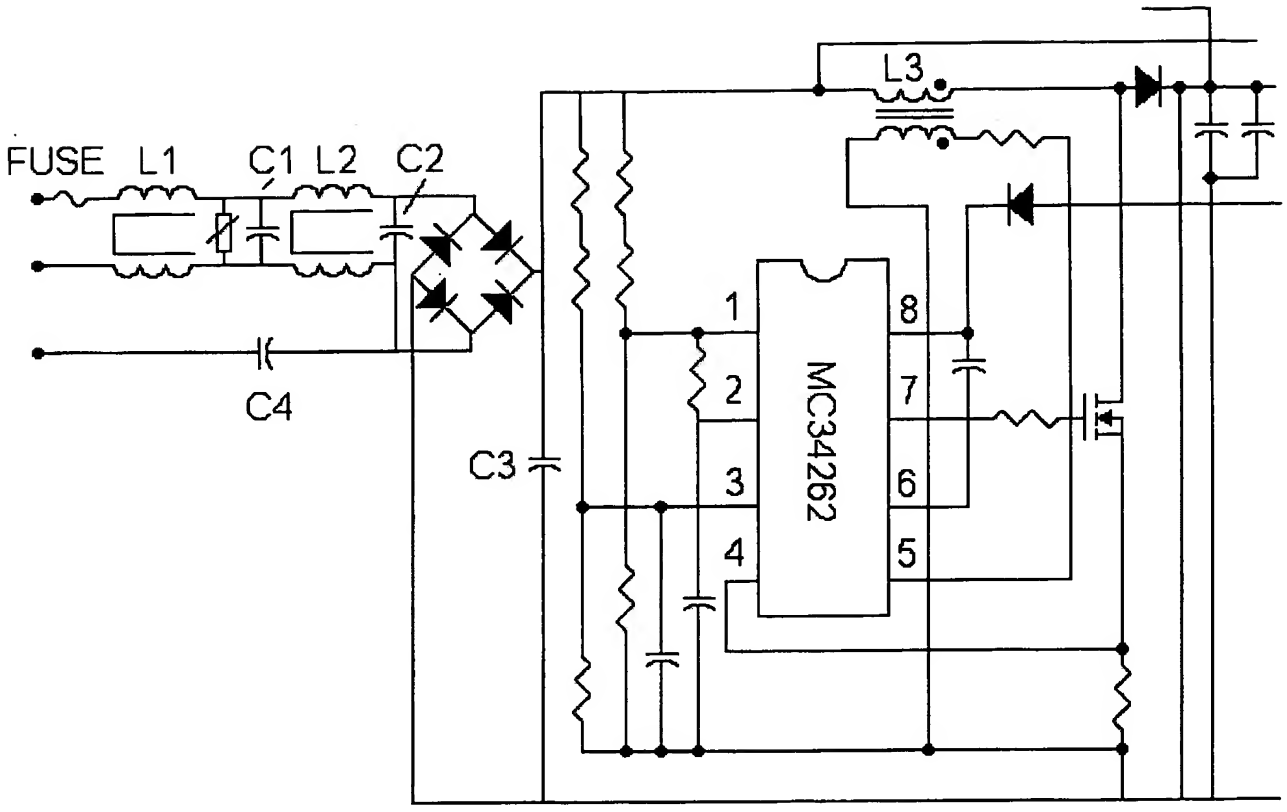

FIGURE 7

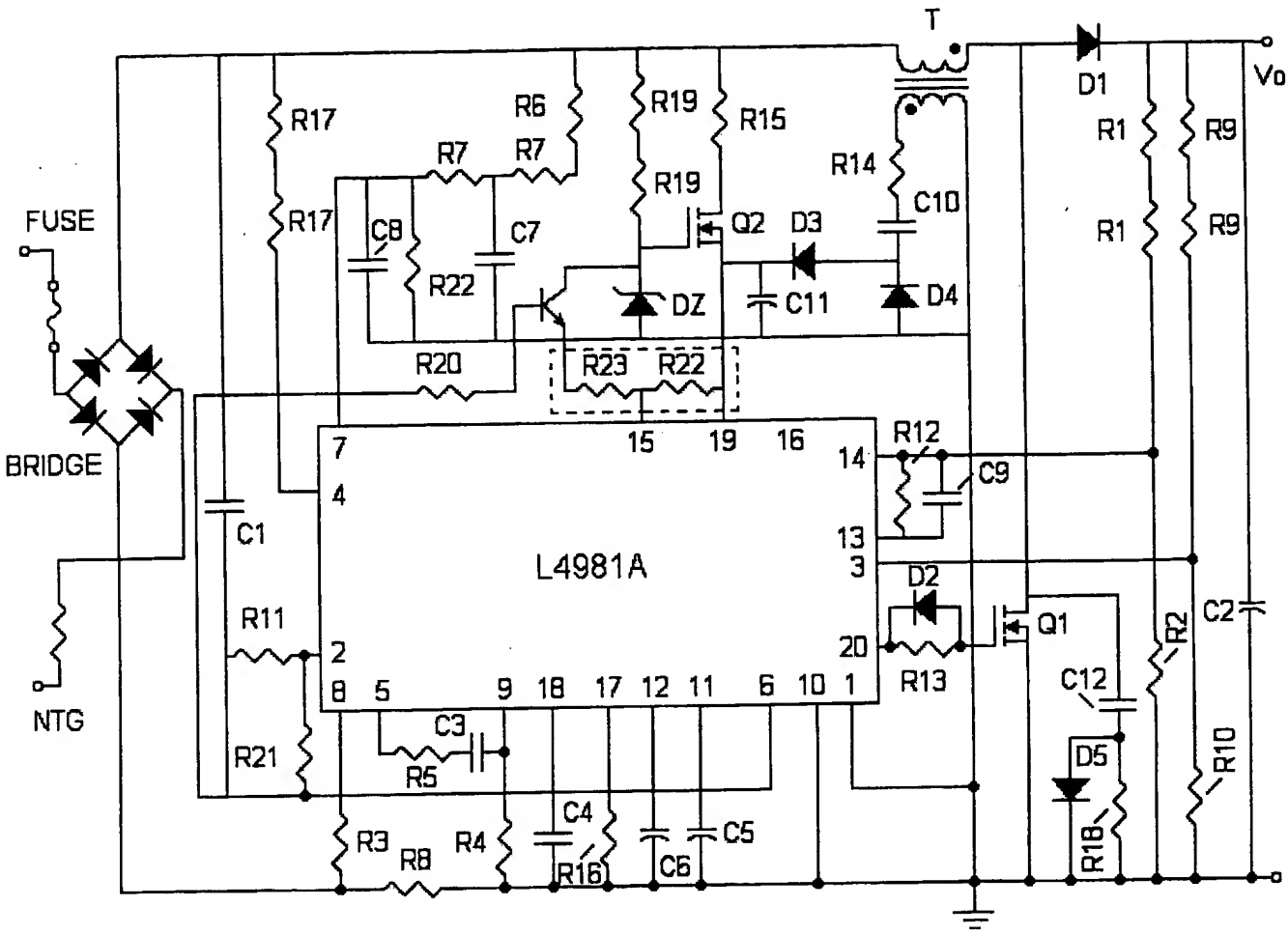
T
D1
Vo
FUSE
BRIDGE
NTG
R17
R17
R6
R7
R7
R19
R19
R15
R14
C10
C8
C7
R22
Q2
D3
DZ
C11
D4
R20
R23
R22
R1
R1
R9
R9
L4981A
7
4
15
19
16
14
13
3
20
2
8
5
9
18
17
12
11
6
10
1
R12
C9
C1
R11
D2
Q1
R13
C2
R2
C12
D5
R10
R18
C3
R5
R21
R3
R8
R4
C4
R16
C6
C5

FIGURE 8

REPLACEMENT SHEET

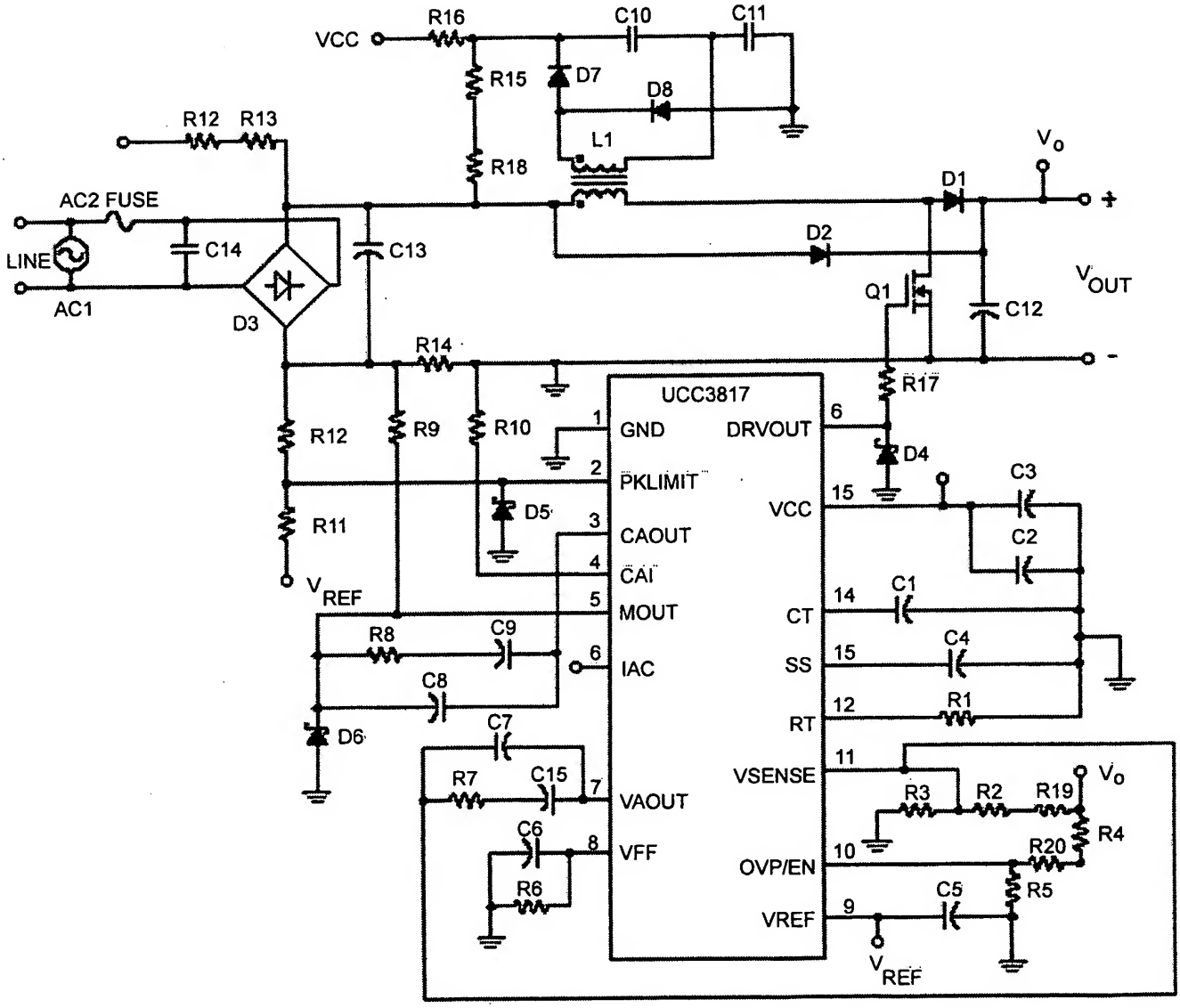

FIGURE 9

REPLACEMENT SHEET

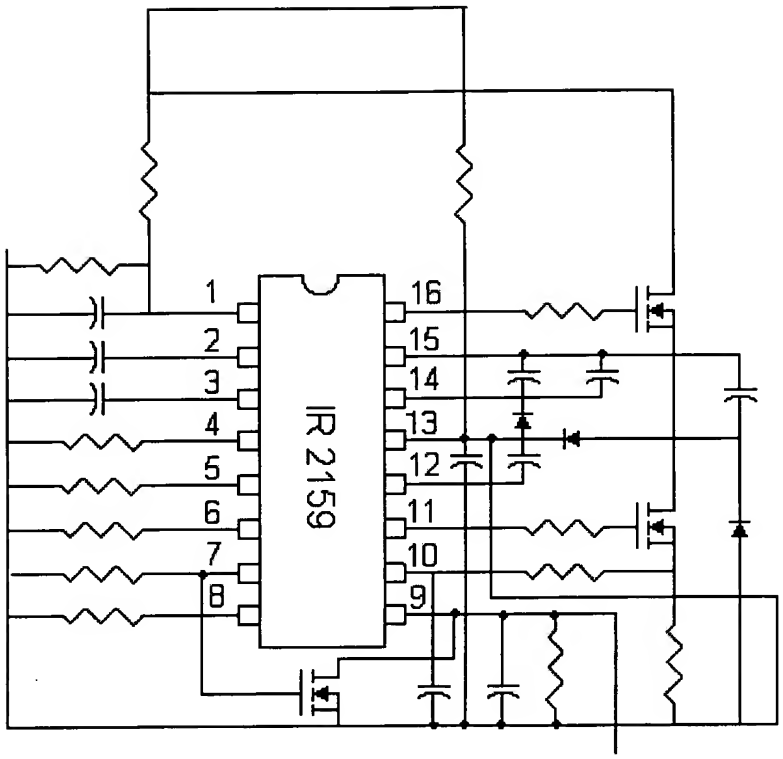

FIGURE 10

REPLACEMENT SHEET

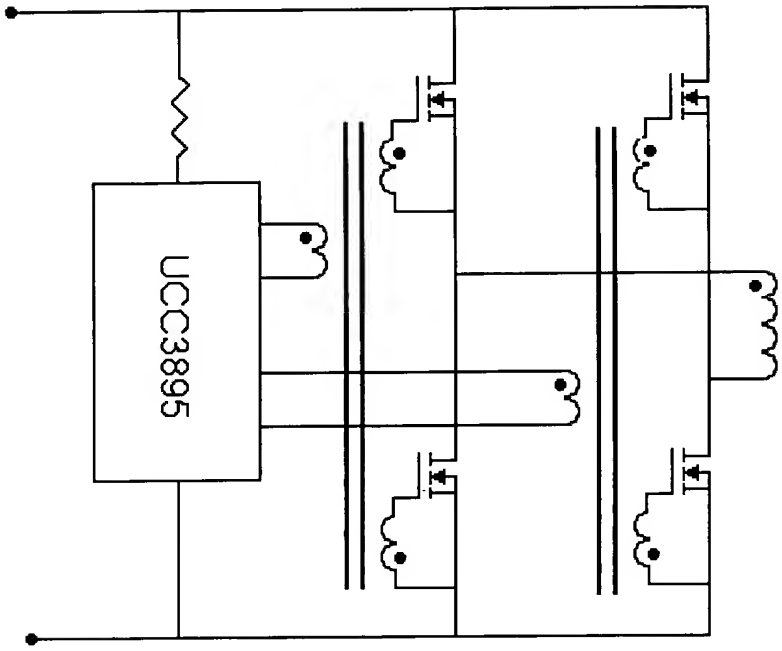

FIGURE 11

REPLACEMENT SHEET

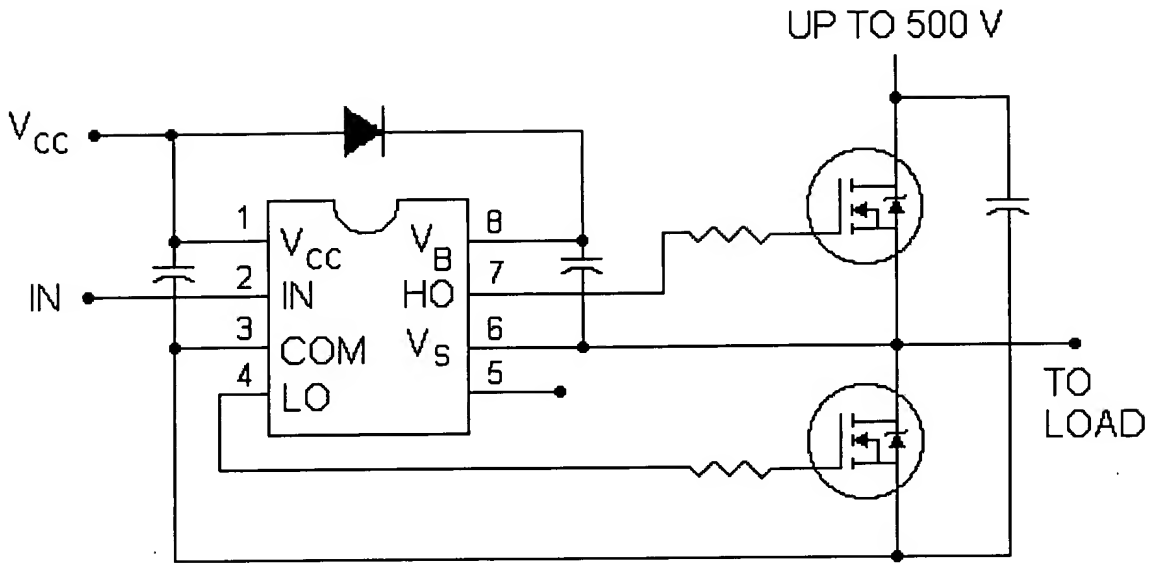

FIGURE 12

REPLACEMENT SHEET

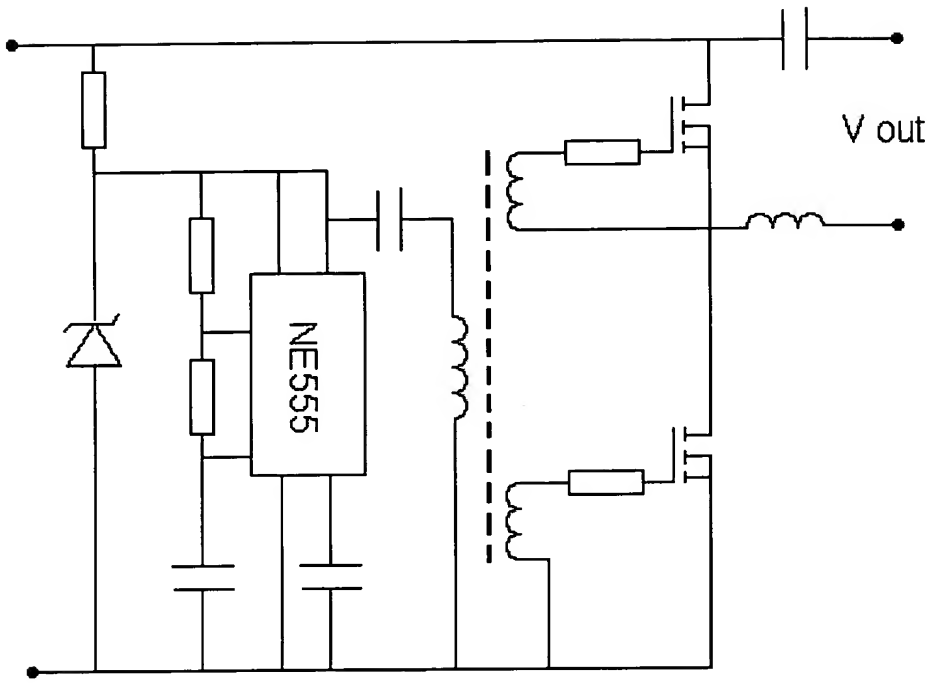

FIGURE 13

REPLACEMENT SHEET

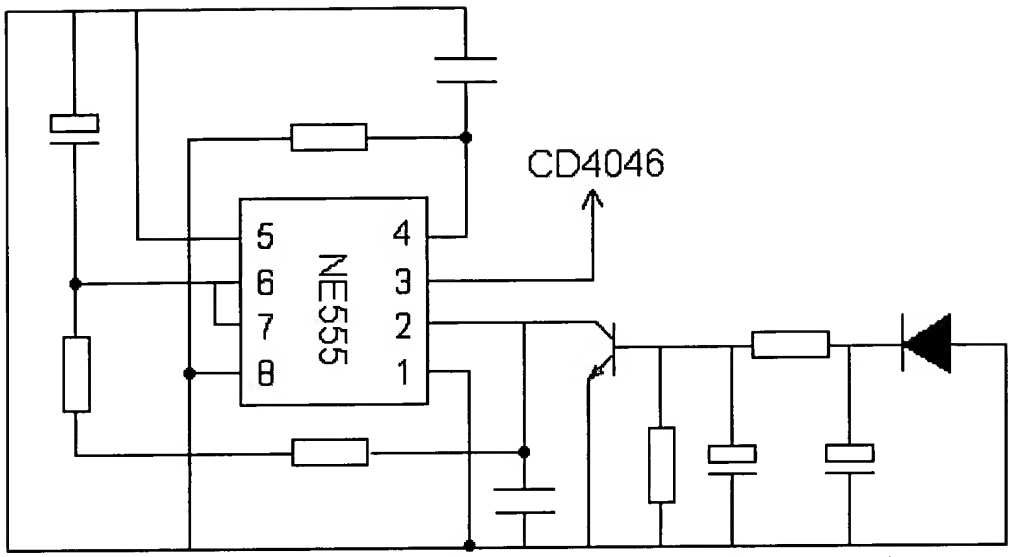

FIGURE 14

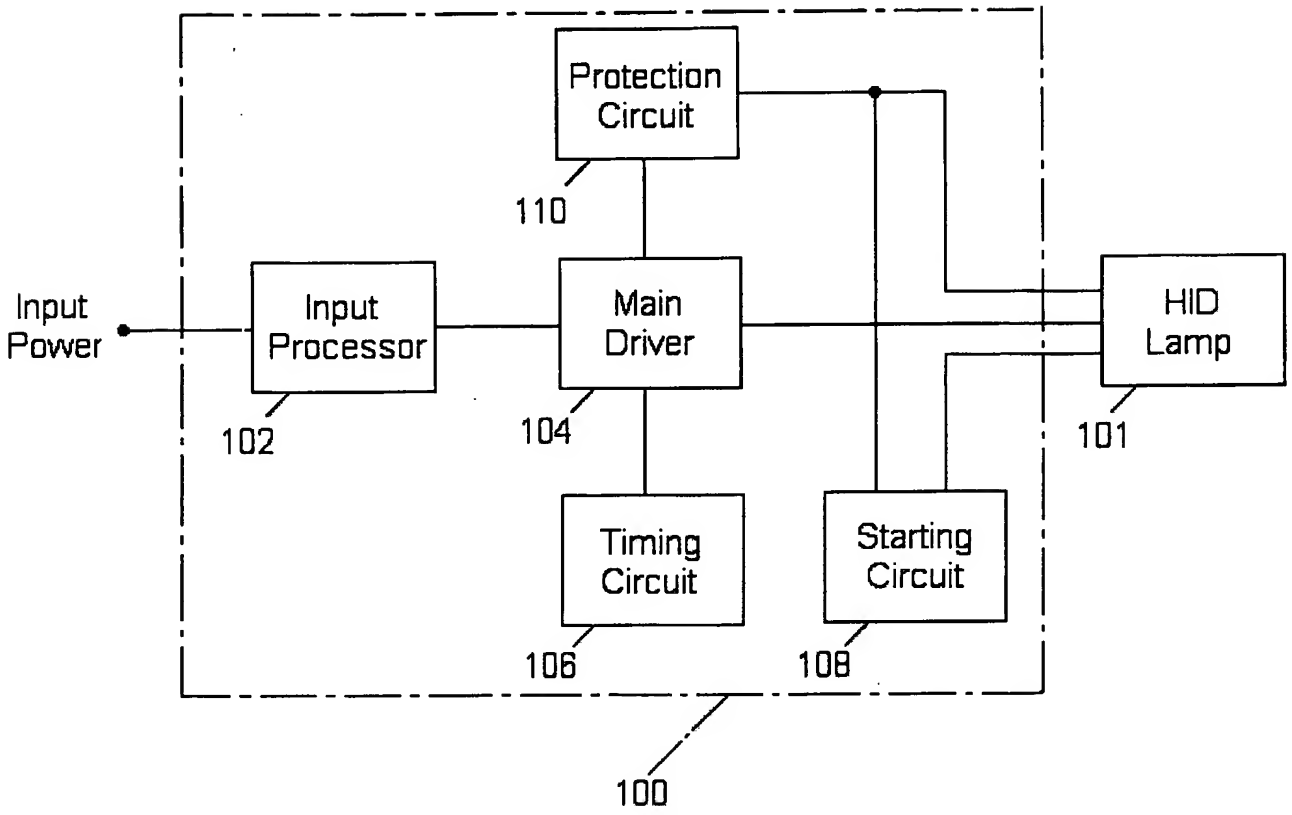
Protection Circuit
110
Input Power
Input Processor
102
Main Driver
104
HID Lamp
101
Timing Circuit
106
Starting Circuit
108
100

FIGURE 15

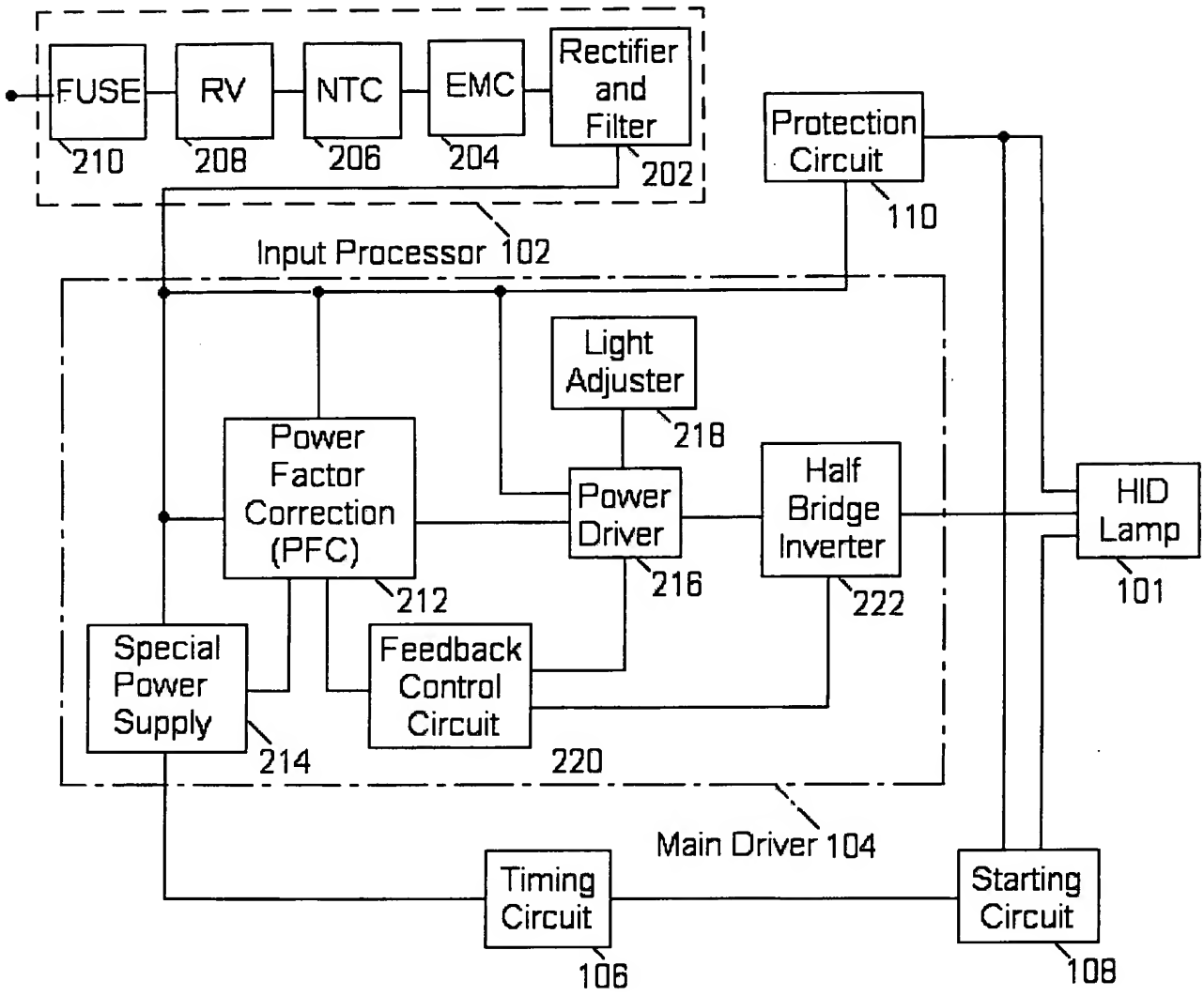
FUSE
RV
NTC
EMC
Rectifier and Filter
210
208
206
204
202
Input Processor 102
Protection Circuit
110
Light Adjuster
218
Power Factor Correction (PFC)
212
Power Driver
216
Half Bridge Inverter
222
HID Lamp
101
Special Power Supply
214
Feedback Control Circuit
220
Main Driver 104
Timing Circuit
106
Starting Circuit
108

FIGURE 16